



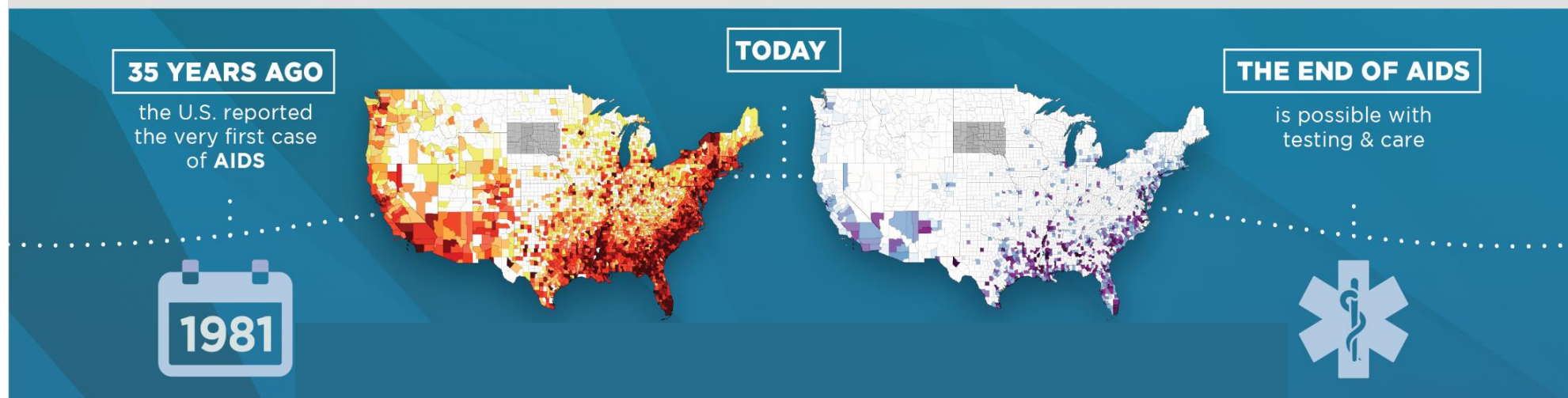
Mecklenburg County HIV Disease Update

Mecklenburg County Public Health
Epidemiology Program



PUBLIC HEALTH

National Snapshot of HIV/AIDS



More than
1.1 million
people in the US
are living with HIV

39,500
people were newly
diagnosed in 2015

Number of New Infections fell

10%

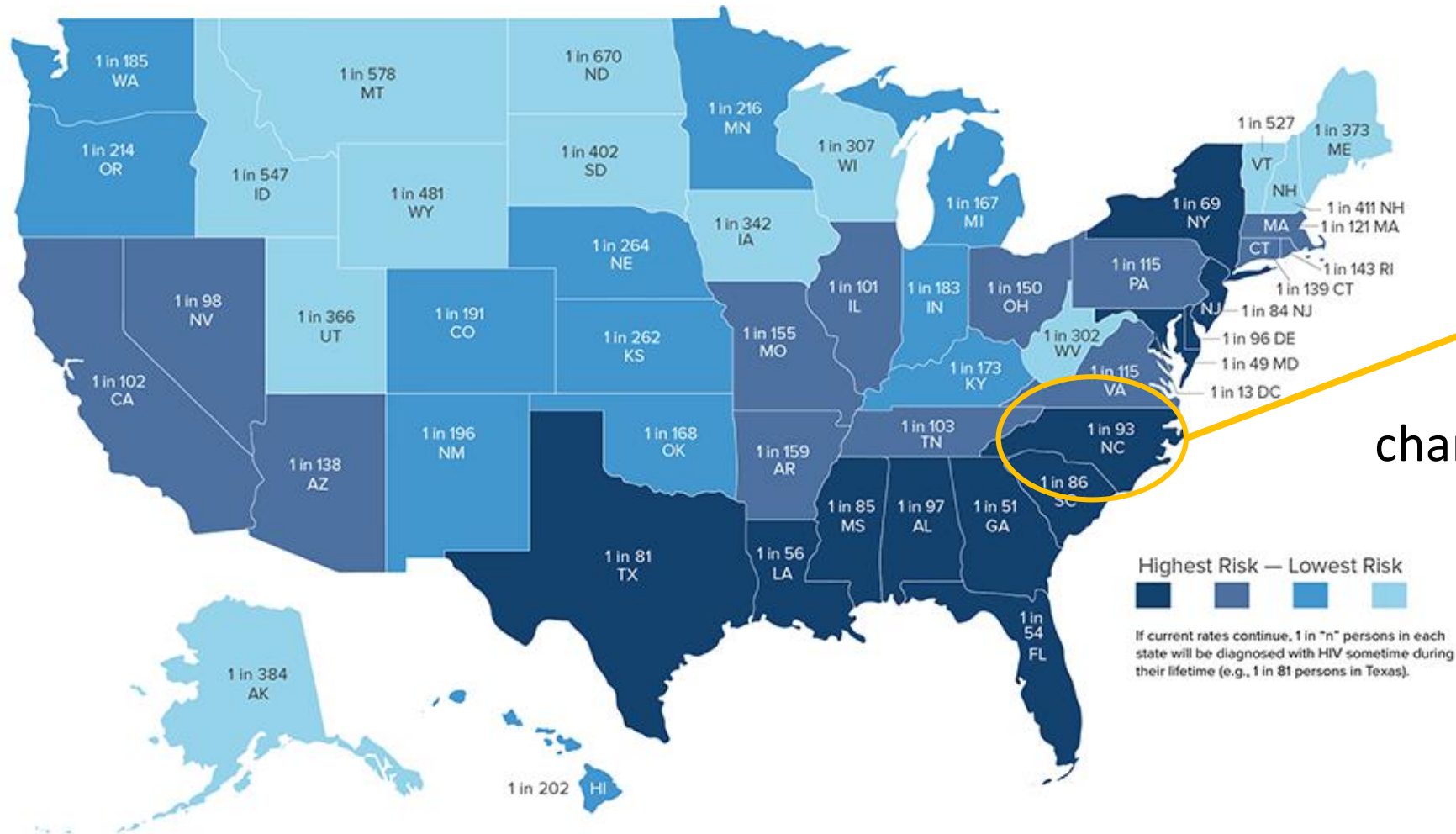
Between 2010 and 2014

Source: CDC. [Diagnoses of HIV infection in the United States and dependent areas, 2015](#). *HIV Surveillance Report* 2015;26.

Prepared by: Mecklenburg County Public Health, Epidemiology Program 10/2017



Lifetime Risk for HIV is HIGHEST in the South



In North Carolina

1 in 93

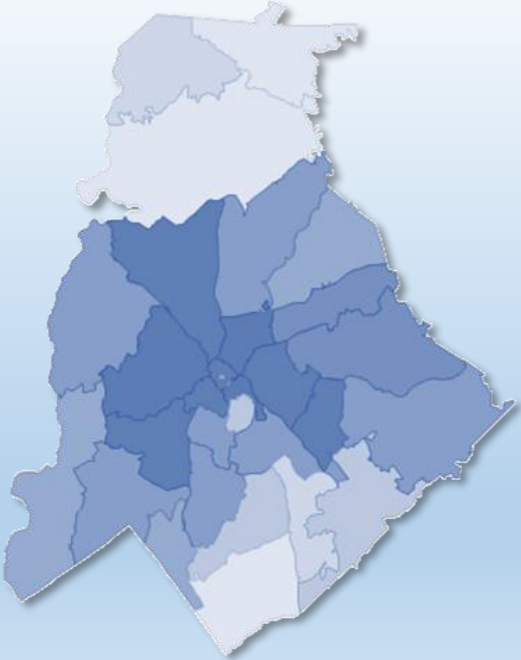
chance of being diagnosed with HIV at some point in life.



Snapshot of HIV/AIDS in MECKLENBURG

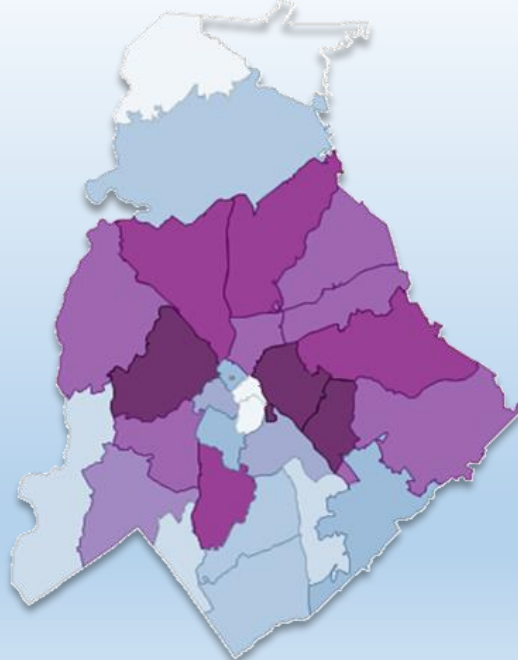


2016 HIV Prevalence Rates



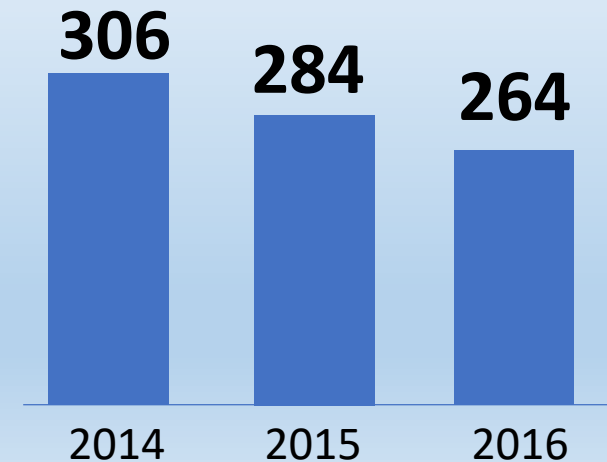
More than **6,630**
people in Mecklenburg
are living with HIV

2012- 2016 Newly Diagnosed HIV Infections



264
people were newly
diagnosed in 2016

Number of Newly Diagnosed HIV Infections
by Year of Diagnosis
(based on County of 1st Diagnosis)



Number of New Infections fell

14%

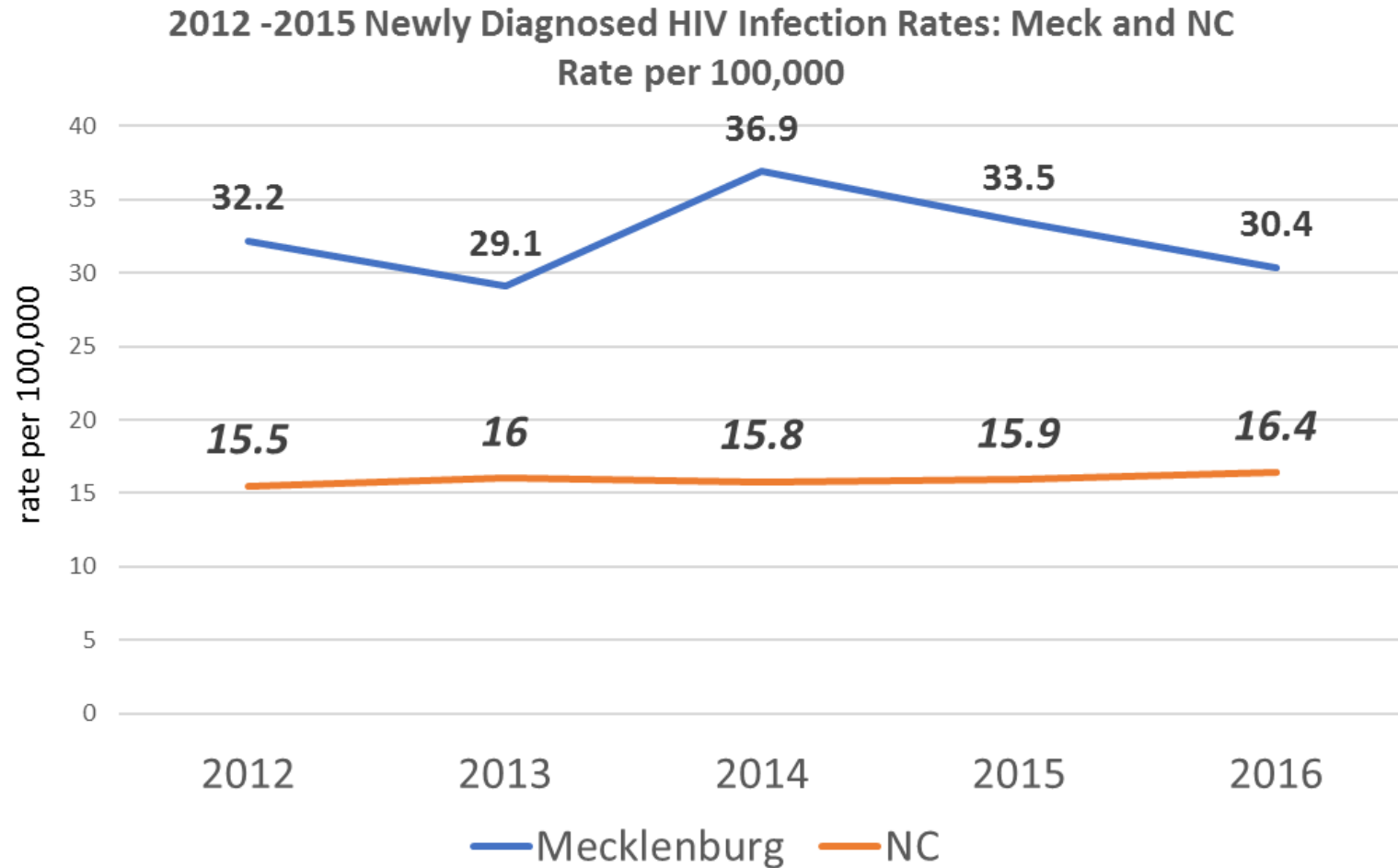
Between 2014 and 2016

While HIV Infection rates in NC are fairly stable; ...Mecklenburg *Rates are declining*



18% decline

in HIV case rates between
2014 and 2016



Source: NC DHHS, HIV/STD Prevention Care Unit, 2016 HIV/STD Surveillance Report
Prepared by: Mecklenburg County Public Health, Epidemiology Program 10/2017

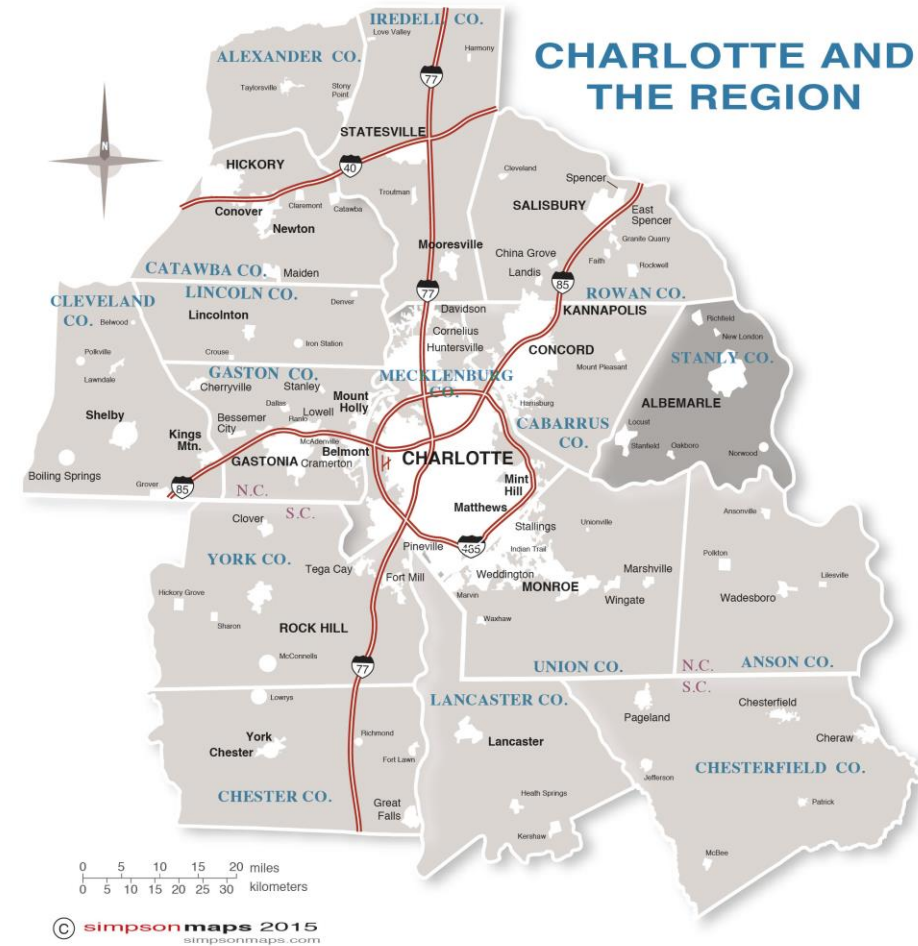
HIV in Mecklenburg: How Do We Compare?



In 2015, the Charlotte Metropolitan area ranked

25TH

In the Nation for rate of new HIV diagnosis

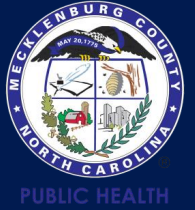


Source: CDC. [Diagnoses of HIV infection in the United States and dependent areas, 2015](#)

Map Source: Charlotte Chamber of Commerce

Prepared by: Mecklenburg County Public Health, Epidemiology Program 10/2017

HIV in Mecklenburg: How Do We Compare?



Between 2014 – 2016,
Mecklenburg County ranked

2nd



in NC for rate of new HIV
diagnosis

Bertie County ranked #1 for rate of
new HIV dx (2014 – 2016), but with
fewer cases (n= 20 HIV Dx.)

The Face of HIV in Mecklenburg County

Based on 2016 New HIV Diagnoses n= 264



Nearly **1** in **5**

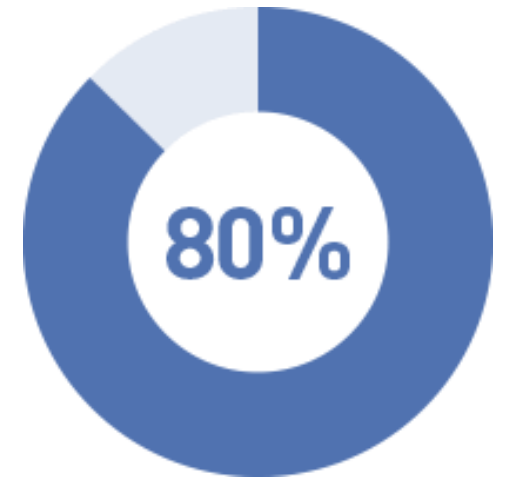
are



Young Adults
(aged 20 – 24 yrs)



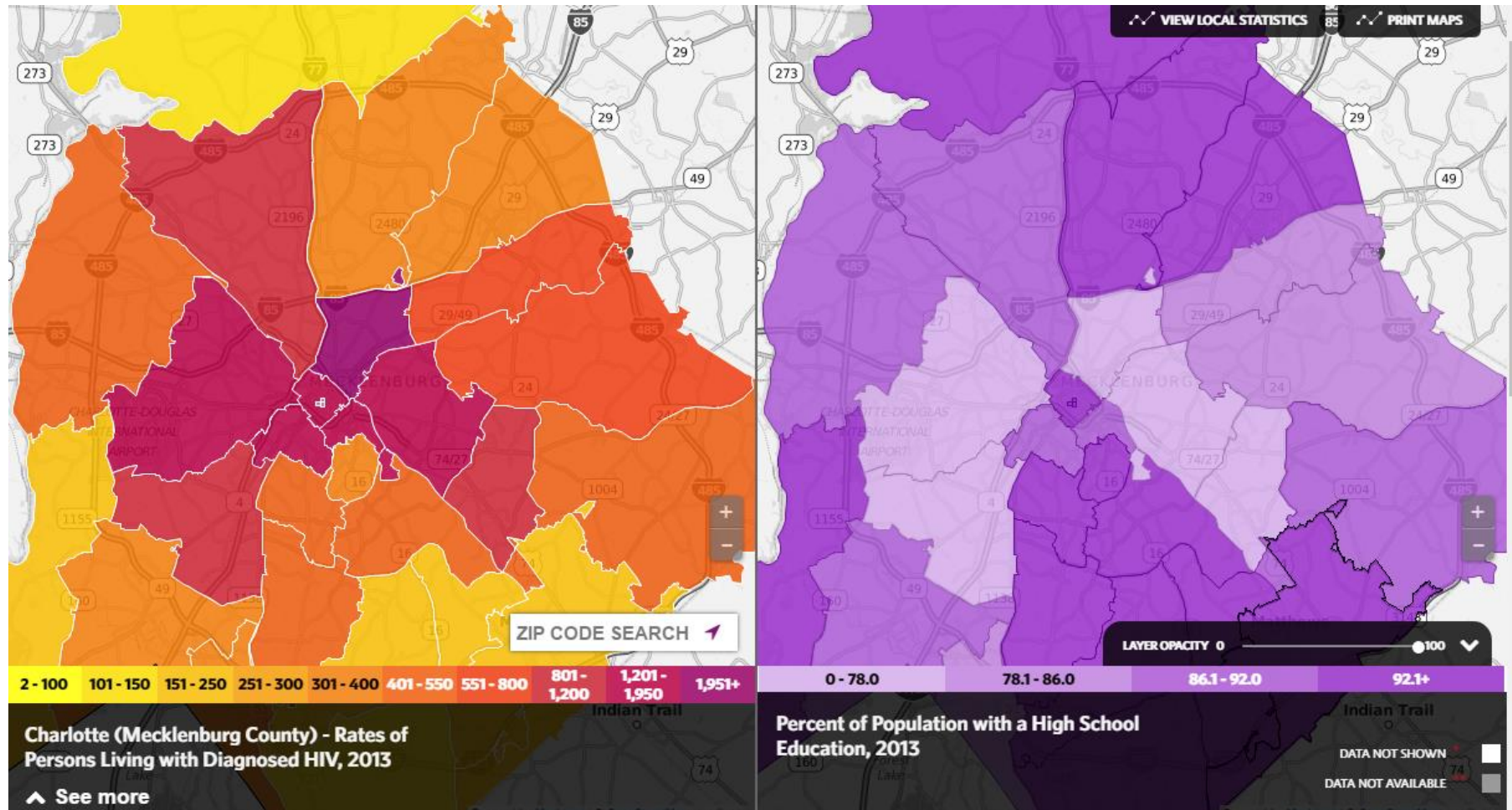
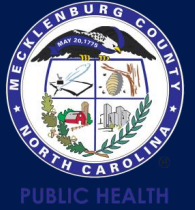
are
African American



are
Males

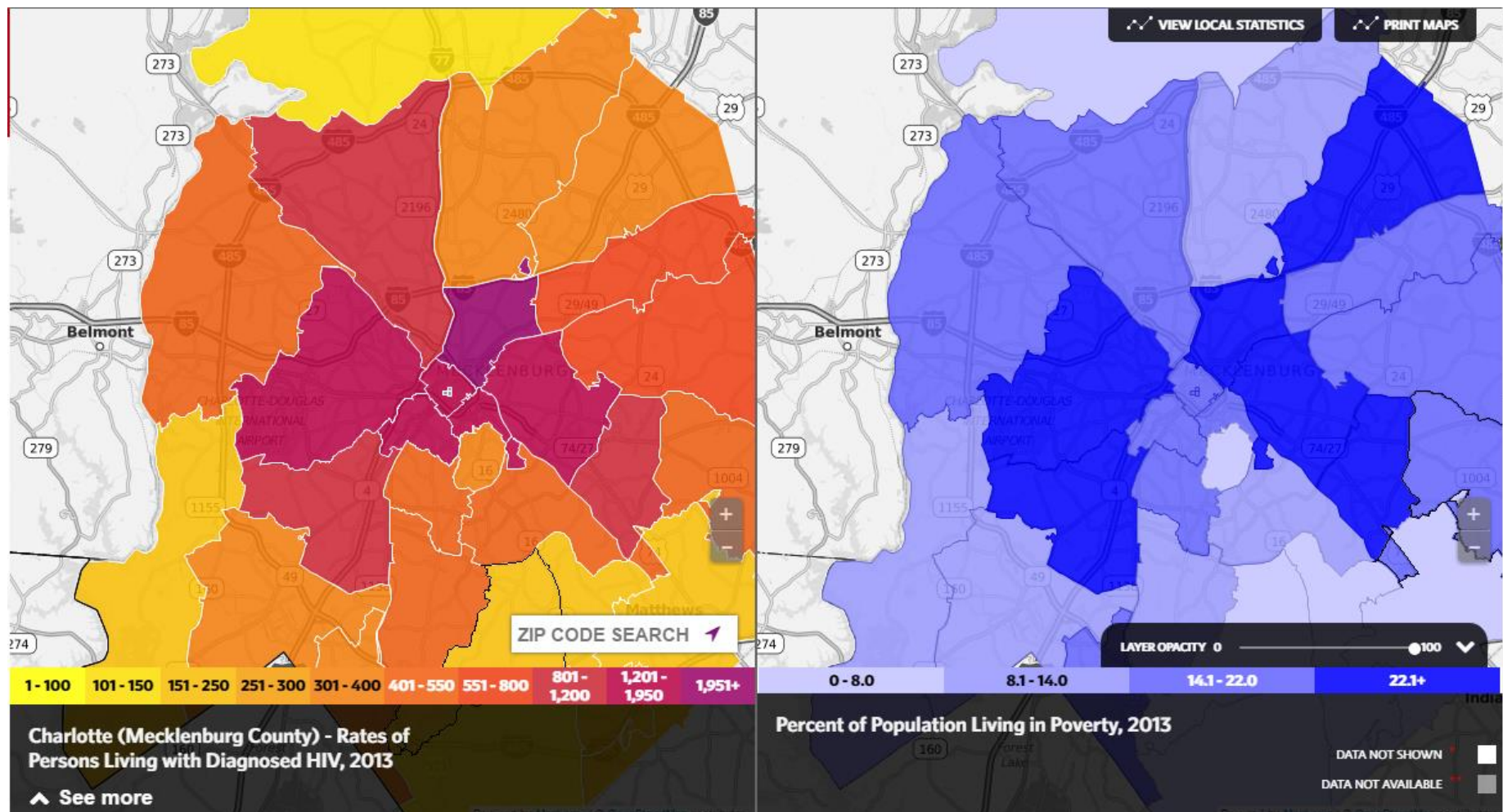


HIV rates are higher in areas with Low Educational Attainment



Source: AIDSvu.org, Charlotte NC Mapping

HIV rates are higher in areas with more Poverty



Source: AIDSvu.org, Charlotte NC Mapping

HIV medicines help people with HIV Live Longer, Healthier Lives



Better access to care will improve life expectancy for persons with HIV

71 years

Life expectancy of person with HIV *taking HIV meds*

32 years

Life expectancy of person with HIV *without meds*

Source: National Vital Statistics Reports, 2012

HIV disease burden is increasing ... creating a strain on public health infrastructure



As more persons with HIV gain access to care and in the absence of a cure, the number of persons living with HIV will dramatically increase.

Persons Living with HIV in
Mecklenburg in 2012

4,992



Persons Living with HIV in
Mecklenburg in 2016

6,630

Source: NC DHHS, HIV/STD Surveillance Reports 2012 - 2016

The background of the slide is a composite image. The top half shows a city skyline with several skyscrapers, including a prominent one with a pointed top. The bottom half shows a park with a large pond, trees, and a circular stone walkway or bridge structure. A semi-transparent blue banner is overlaid across the middle of the image, containing white text.

For More Information on HIV and other STDs, visit the:

2017 Mecklenburg County Community Health Assessment

<https://www.mecknc.gov/HealthDepartment/HealthStatistics/Pages/Community-Health-Assessment.aspx>